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**1** [Supporting information access in a hospital ward by a context-aware](#)  
[B. Skov, Th. Høegh](#)

 March 2006 **Personal and Ubiquitous Computing**, Volume 10 Issue 4

**Publisher:** Springer-Verlag

 Full text available: [Pdf](#) (381.94 KB)

 Additional Information: [full citation](#), [abstra](#)
**Bibliometrics:** Downloads (6 Weeks): 16, Downloads (12 Months): 120, Downl

Context-awareness holds promise for improving the utility of software p  
 encompass the ability to automatically discover and react to changes in  
 context-aware mobile systems aim to ...

**Keywords:** Context-awareness, Human-computer interaction, Mobile d

**2** [Combating information overload in non-visual web access using con](#)  
[Jalal Mahmud, Yevgen Borodin, Dipanjan Das, I. V. Ramakrishnan](#)

 January 2007 **IUI '07: Proceedings of the 12th international conference on**
**Publisher:** ACM [Request Permissions](#)

 Full text available: [Pdf](#) (605.65 KB)

 Additional Information: [full citation](#), [abstra](#)
**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 39, Downloa

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Web sites are designed for graphical mode of interaction. Sighted users  
 quickly identify relevant information. In contrast, visually-disabled indiv  
 browse the Web. Screen readers ...

**Keywords:** CSurf, context, information rearrangement, screen-reader,  
 navigation

**3** [User interactions with everyday applications as context for just-in-tim](#)  
[Jay Budzik, Kristian J. Hammond](#)

 January 2000 **IUI '00: Proceedings of the 5th international conference on I**
**Publisher:** ACM [Request Permissions](#)

 Full text available: [Pdf](#) (1.28 MB)

 Additional Information: [full citation](#), [abstra](#)
**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 105, Downl

Our central claim is that user interactions with everyday productivity ap  
 browsers, etc.) provide rich contextual information that can be leverage

relevant information. We ...

**Keywords:** context, information agent, intelligent information access, r

#### 4 [Implicit relevance feedback in interactive music: issues, challenges, .](#)

 Lars Graugaard

October 2006 **IIIX**: Proceedings of the 1st international conference on Infor

**Publisher:** ACM

Full text available:  Pdf (456.83 KB)


Additional Information: [full citation](#), [abstra](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 56, Downloa

This paper presents methods for correlating a human performer and a s  
Implicit Relevance Feedback (IRF) using Graugaard's expanded model f  
The research is the result of experience ...

**Keywords:** personalized and collaborative information access in contex  
behavior in media and genre-dependent applications

#### 5 [Improving proactive information systems](#)

 Daniel Billisus, David M. Hilbert, Dan Maynes-Aminzade

January 2005 **IUI '05**: Proceedings of the 10th international conference on

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (833.30 KB)


Additional Information: [full citation](#), [abstra](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 48, Downloa

Proactive contextual information systems help people locate informatior  
relevant resources based on their current tasks or interests. Such syste  
but designing user interfaces ...


**Keywords:** agents, context, proactive recommendations

#### 6 [Detecting context-differentiating terms using competitive learning](#)

 Travis L. Bauer, David B. Leake

September 2003 **SI GIR Forum**, Volume 37 Issue 2

**Publisher:** ACM


Full text available:  Pdf (1.15 MB)

Additional Information: [full citation](#), [abstra](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 6, Download


Personal information agents monitor ongoing user information accesses  
relevant information. Providing the needed information requires effectiv  
context, based on available ...

#### 7 [Information access for context-aware appliances \(poster session\)](#)

 Gareth J. F. Jones, Peter J. Brown

July 2000 **SI GIR '00**: Proceedings of the 23rd annual international ACM  
development in information retrieval

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (310.36 KB)

Additional Information: [full citation](#), [abstra](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 21, Download

The emergence of networked context-aware mobile computing appliances and remote access to huge online information resources. Information access can utilize existing techniques developed ...



- 8 [Exploring context-awareness for ubiquitous computing in the healthcare](#)  
[Jesper Kjeldskov](#), [Mikael B. Skov](#)  
 October 2007 **Personal and Ubiquitous Computing**, Volume 11 Issue 7  
**Publisher:** Springer-Verlag


Full text available:  Pdf (443.89 KB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 37, Downloads (12 Months): 203, Download

Ubiquitous technologies have potentials to play major roles in different areas of the areas where applying ubiquitous technologies has been given a lot of attention. Here, users are frequently ...

- 9 [Vers la définition du contexte d'un utilisateur mobile de système de r](#)  
 [Ourdia Boudidghaghen](#), [Lynda Tamine-Lechani](#), [Mohand Boughanem](#)  
 July 2009 **UbiMob '09: Proceedings of the 5th French-Speaking Conference on Ubiquitous Computing**  
**Publisher:** ACM  [Request Permissions](#)



Full text available:  Pdf (936.60 KB)


Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 14, Download

The mobile user differs from the desktop user in that his handheld device and allows him access to information at any time from anywhere. Context-aware environments aims to tackle the problem ...

**Keywords:** context-aware profile, contextual information retrieval, local situation, time

- 10 [Access control management in a distributed environment supporting](#)  
 [Basit Shafiq](#), [Elisa Bertino](#), [Arif Ghafoor](#)  
 November 2005 **DIM '05: Proceedings of the 2005 workshop on Digital Information Management**  
**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (261.07 KB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 63, Download

Ensuring secure and authorized access to remote services and information in a distributed environment is a challenging task. Two major issues that need to be addressed are access control requirements ...

**Keywords:** GTRBAC, access control, collaboration, trust management

- 11 [Web search personalization with ontological user profiles](#)  
 [Ahu Sleg](#), [Bamshad Mobasher](#), [Robin Burke](#)  
 November 2007 **CIKM '07: Proceedings of the sixteenth ACM conference on Information and knowledge management**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (384.62 KB)


Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 59, Downloads (12 Months): 331, Downloads (3 Months): 117

Every user has a distinct background and a specific goal when searching Web. Web search personalization is to tailor search results to a particular user's preferences. Effective personalization ...

**Keywords:** ontological user profiles, search personalization, user context

## 12 Accessibility as a quality requirement: geographic information system

 [Juliano Schimiguel, Amanda Meincke Melo, M. Cecilia C. Baranauskas, Clau](#)  
October 2005 **CLIH '05**: Proceedings of the 2005 Latin American conference on

**Publisher:** ACM

Full text available:  Pdf (974.48 KB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 117, Downloads (3 Months): 117

Web applications enable users with different profiles and necessities to access information in different locations and with different access tools. Besides the aspects that have to do with the Software Quality domain, the ...

**Keywords:** accessibility, quality, web GIS applications

## 13 User modeling for full-text federated search in peer-to-peer networks

 [Jie Lu, Jamie Callan](#)  
August 2006 **SIGIR '06**: Proceedings of the 29th annual international ACM conference on

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (269.63 KB)


Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 90, Downloads (3 Months): 90


User modeling for information retrieval has mostly been studied to improve access in centralized repositories. In this paper we explore user modeling for full-text federated search in peer-to-peer networks. ...

**Keywords:** federated search, peer-to-peer, query clustering, user modeling

## 14 Emergent application integration of ubiquitous information systems (U

 [David Bell](#)  
July 2009 **SIPE 09**: Proceedings of the 4th international workshop on Semantic information processing in

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (1.92 MB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 76, Downloads (3 Months): 76

Ubiquitous information systems (UBIS) extend current Information Systems technology between hardware devices and software components with re

content to support specific user actions ...


**Keywords:** architecture, semantic web, ubiquitous computing

### 15 [Metaphors and Context-Aware Information Access](#)

[Peter Coschurba](#), [Joachim Baumann](#), [Uwe Kubach](#), [Alexander Leonhardi](#)

January 2001 **Personal and Ubiquitous Computing**, Volume 5 Issue 1

**Publisher:** Springer-Verlag


Full text available:  [Pdf](#) (58.04 KB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 20, Downloads (All Time): 10

Metaphors are often used to provide the user with a mental model to ease such a metaphor is the commonly used "Desktop Metaphor". Metaphors information access for ...

### 16 [Salton Award Lecture - Information retrieval and computer science: a](#)

 [W. Bruce Croft](#)

July 2003

**SIGIR '03:** Proceedings of the 26th annual international ACM development in information retrieval

**Publisher:** ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (132.44 KB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 121, Downloads (All Time): 10

Following the tradition of these acceptance talks, I will be giving my theoretical discussion of the future of information retrieval (IR) research, however, history and relationship ...

### 17 [Hypertext links in Lotus Notes and the World Wide Web](#)

 [Kate Ehrlich](#), [Alex Lee](#), [Phillip Ritari](#)

September 1995 **SIGWEB Newsletter**, Volume 4 Issue 2

**Publisher:** ACM


Full text available:  [Pdf](#) (261.93 KB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 15, Downloads (All Time): 10


At the Digital Libraries conference in Texas in 1994 we presented a paper on information access in a customer support organization [1]. That study resulted in information filtering and ...

### 18 [Collaborative information retrieval \(CIR\)](#)

 [Susan Dumais](#), [Jonathan Grudin](#), [Steven Poltrock](#), [Harry Bruce](#), [Raya Fidel](#), April 2000

**CHI '00:** CHI '00 extended abstracts on Human factors in computing

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (85.79 KB)


Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 24, Downloads (All Time): 10

Most information retrieval and management tools have been developed around search interfaces, and online catalogs support individual searchers work in library settings, however, teamwork ...

**Keywords:** CSCW, IR, collaboration, information retrieval, workgroup

**19** [Emerging opportunities for theoretical computer science](#)

 [Alfred V. Aho](#), [David S. Johnson](#), [Richard M. Karp](#), [S. Rao Kosaraju](#), [Catheri](#)  
[Papadimitriou](#), [Pavel Pevzner](#)

September 1997 **SIGACT News**, Volume 28 Issue 3

**Publisher:** ACM


Full text available:  [Pdf](#) (848.55 KB)

Additional Information: [full citation](#), [abstra](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 27, Downloa


The principles underlying this report can be summarized as follows: 1. A computer science. 2. Theory can be enriched by practice. 3. Practice can guided by (2) and (3), the value, ...

**20** [An integrated approach to engineer and enforce context constraints](#)

 [Mark Strembeck](#), [Gustaf Neumann](#)

August 2004 **Transactions on Information and System Security (TISS)**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (3.06 MB)

Additional Information: [full citation](#), [abstra](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 100, Downl

We present an approach that uses special purpose role-based access co access control decisions on context information. In our approach a *cont* RBAC constraint that checks ...

**Keywords:** Context-dependent access control, constraints engineering, control

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